



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: M.H. Wyzgala et al. Attorney Docket No.: BSCO114052
Application No.: 09/629,771 Group Art Unit: 3732
Filed: July 31, 2000 Examiner: R.A. Lewis
Title: EXPANDABLE ABLATION BURR

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AMENDMENT A

Seattle, Washington 98101

January 2, 2003

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TO THE COMMISSIONER FOR PATENTS:

JAN 09 2003

Please amend the above-identified application as follows:

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In the Claims:

Claims 1, 2, 6, 7, 9, 10, 11, 12, 13, 19, 29, and 30 have been amended, Claim 22 has been canceled, and new Claim 32 has been added as shown below:

1. (Amended) A device for ablating an occlusion in a patient's blood vessel, comprising:
- a drive shaft adapted to be connected to a rotational driving source;
- an ablation burr secured to the drive shaft for rotation therewith, the ablation burr comprising a polymeric balloon section, the polymeric balloon section being expandable from an unexpanded state with a first diameter to an expanded state with a second larger diameter, the polymeric balloon section having an abrasive coating disposed on at least a portion of its exterior surface to ablate an occlusion in a patient's vessel; and
- an expansion control system to control the expansion of the burr to a predetermined expanded diameter when in the expanded state.
2. (Amended) The device of Claim 1, wherein the expansion control system is embedded within the polymeric balloon section.

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